

L# ANSWER 394 OF 419 CAPLUS COPYRIGHT 2002 ACS

AN 1973:16032 CAPLUS

DN 78:16032

TI .alpha.-Pyrrolidones

IN Uchiyama, Hiroshi; Ozawa, Shuji

PA Teijin Ltd.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI JP 47027975	B4	19721030	JP 1971-4139	19710203
----------------	----	----------	--------------	----------

AB An electrolytic redn. of maleimides was carried out in a strong acid using Pb (or other metal having the same or higher H overvoltage than Pb) as a cathode and keeping the min. elec. potential of the cathode against a satd. calomel electrode at -1.3 to -2.0 V. E.g., N-methylmaleimide in a mixt. of H₂SO₄, MeOH, and H₂O was subjected to an electrolytic redn. using Pb as a cathode and anode and keeping the elec. potential of the cathode to a satd. calomel electrode at -1.5V for 2 hr to give 67% N-methyl-.alpha.-pyrrolidone. Similarly prepd. were .alpha.-pyrrolidone and N-cyclohexyl-.alpha.-pyrrolidone.

DT Patent

LA Japanese